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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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10/696,584

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Hiroyuki Nagano

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LOWE HAUPTMAN HAM & BERNER, LLP  
1700 DIAGONAL ROAD  
SUITE 300  
ALEXANDRIA, VA 22314

EXAMINER

YOO, JASSON H

ART UNIT

PAPER NUMBER

3714

MAIL DATE

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**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

**Office Action Summary**

Application No.

10/696,584

Applicant(s)

NAGANO, HIROYUKI

Examiner

Jasson H. Yoo

Art Unit

3714

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 22 October 2007.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-8, 10, 11 and 13-18 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-8, 10-11, 13-18 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- |  |   |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)          | 4) <input type="checkbox"/> Interview Summary (PTO-413)           |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____                                      |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)          | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date _____  | 6) <input type="checkbox"/> Other: _____                          |

## **DETAILED ACTION**

### ***Oath/Declaration***

It does not state that the person making the oath or declaration acknowledges the duty to disclose to the Office all information known to the person to be material to patentability as defined in 37 CFR 1.56.

The correct statement should read, "I acknowledge the duty to disclose information which is material to patentability of this application in accordance with Title 37, Code of Federal Regulations Section 1.56."

### ***Claim Rejections - 35 USC § 112***

The following is a quotation of the first paragraph of 35 U.S.C. 112:

The specification shall contain a written description of the invention, and of the manner and process of making and using it, in such full, clear, concise, and exact terms as to enable any person skilled in the art to which it pertains, or with which it is most nearly connected, to make and use the same and shall set forth the best mode contemplated by the inventor of carrying out his invention.

Claim 17 is rejected under 35 U.S.C. 112, first paragraph, as failing to comply with the written description requirement. The claim(s) contains subject matter which was not described in the specification in such a way as to reasonably convey to one skilled in the relevant art that the inventor(s), at the time the application was filed, had possession of the claimed invention. Applicant does not disclose the container is detachably mounted to the door in a vicinity of shoulder between the upper narrowed portion and the lower enlarged portion.

***Claim Rejections - 35 USC § 103***

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claims 1-8, 10-11, 14-18 are rejected under 35 U.S.C. 103(a) as being unpatentable over Watabe (US 5,505,289) in view of Vogt et al. (US 5,566,809).

Claims 1, 14. Watabe discloses a gaming machine capable of accepting bills (vending machine, a money exchanger or money service device, col. 1:6-17), the gaming machine comprising:

a cabinet (housing 11, col. 3:18-24, Figs. 1-3);

a door provided on the front face of the cabinet (machine has a front door 5, to access the bill processor, col. 1:26-29) ;

a bill insertion slot provided on the door (bill inlet 16, col. 3:25-27, Figs. 2-6);

a bill guide plate provided on the door and extending forward from a lower end of the bill insertion slot for guiding a bill into the bill insertion slot (bill guide panel 15 has a bill guide plate located at a lower end of the bill insertion slot for guiding the bill, Figs. 2,5), wherein the bill guide plate has an opening for dropping foreign matter separated from the bill (bill guide opening 16 is carried through opening 65, which separates the foreign matter, Fig. 5, col. 4:58-61);

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a guide part (liquid collector 50 in Figs. 3, 5, col. 4:36-38) positioned under the opening of the bill guide plate for guiding the foreign matter dropped from said opening downwards (guiding the foreign matter in the path of B shown in Fig. 5, col. 4:58-65).

Watabe significantly discloses the claimed invention as discussed above, but fails to specifically teach a container below the guide part for collecting the foreign matter. In an analogous art to separating foreign matter from money entering a machine, Vogt discloses a container (12 in Fig. 3) for storing foreign matter that has been separated from the money. Furthermore, Watabe discloses the guide part that guides the foreign matter is located within the gaming machine disposed at a rear face of the door (Watabe, Figs. 1, 3, 5). The foreign matter is discharges out of the guide part and below of the guide part by an arrow C in Fig. 5 (Watabe, col. 4:58-65). Watabe machine is used to prevent foreign matter such as liquid from entering the bill processor (Watabe, col. 2:8-39). Thus providing a container vertically below the guide part would collect and store the liquid that has been discharged by the guide part (Watabe, as indicated by the arrow C in Fig. 5). The container would prevent the collected liquid from entering the bill processor and other parts of the gaming machine. Therefore it would have been obvious to one of ordinary skilled in the art at the time the invention was made to modify Watabe's gaming machine and incorporate a container disposed at a rear face of the door and below the guide part, in order to collect and store the foreign matter, and prevent the foreign matter from entering the bill processor and other parts of the gaming machine.

Claim 2. Watabe in view of Vogt discloses the gaming machine an upper opening of the container is positioned substantially vertically below the guide part (as noted above) and has a larger cross-sectional area than a lower end part of the guide part (Vogt discloses the opening of the container is larger than the lower end of the bill validator 120, See Fig. 1).

Claims 3, 11. Watabe in view of Vogt discloses the container is detachably mounted to the rear face of the door (Vogt discloses the container is located at the front portion of the machine. The container is detachable using fasteners 38, col. 3:51-60).

Claim 4. Watabe in view of Vogt discloses the container has a rectangular horizontal cross-section, and one of long sides of the rectangular cross-section faces the rear face of the door when the container is mounted to the door (Vogt, Fig. 2).

Claim 5. Watabe in view of Vogt discloses the claimed invention as discussed above, but fails to specifically teach the container is formed of a substantially transparent or semi-transparent material. Nevertheless, having the container made from transparent or semi-transparent material is an obvious design change. Watabe in view of Vogt discloses the container collects foreign matter such as liquid. Having a transparent or semi-transparent container will provide a visual indication to tell the operator when the container is filled, and what is inside the container. This commonly practiced for liquid holding containers (i.e. water bottles, milk cartons, soda bottles,

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etc.). Therefore it would have been obvious to one of ordinary skilled in the art at the time the invention was made to modify Watable in view of Vogt's gaming machine and have the container substantially transparent or semi-transparent material in order to provide a visual indication.

Claim 6. Watabe in view of Vogt discloses gaming machine that separates foreign matter from a bill and collects the foreign matter in a container as discussed above, but fails to specifically teach the container is one liter or less. However, the specific size of the container is a design change and does not functionally alter the gaming machine that separates the foreign matter from a bill and collects the foreign matter as discussed above. The size of the container may vary depending on the amount of space the gaming machine has for the container. Furthermore, bills are not substantially absorbent material, and cannot carry a large amount of foreign matter such as liquid at a time. Thus it is not efficient to put a very large container within a gaming machine that would take up a large amount of space within the container, when the container collects only a small amount of foreign matter. Therefore it would have been obvious to one of ordinary skilled in the art a the time the invention was made to modify Watabe in view of Vogt's gaming a machine, and have the container's storage capacity to one liter or less, in order to provide an efficient container size for the gaming machine.

Claim 7. Watabe in view of Vogt discloses a bill validator (Watabe, cols. 4:1-3, 4:19-33).

Claim 8. Watabe in view of Vogt discloses the bill validator is configured to validate the authenticity and quality of the bill guided by the bill guide plate (Watabe, cols. 4:1-3, 4:19-33).

Claims 10, 18. Watabe in view of Vogt discloses the container is detachably mounted to the rear face of the door as discussed above, but fails to teach the gaming machine further comprises two latches are provided on the rear surfaces of the door; and two pins for detachably engaging the latches protruding from two side faces of the container. Nevertheless, the specific method of attaching the container to the door is a design choice. Watabe discloses gaming machine parts are detachable by latches and pins (Watabe, col. 5:46-7:17). The latches allow the parts to be removed from the gaming machine, for maintenance purposes. When an individual part malfunctions, the gaming machine can be easily fixed by replacing the individual malfunctioned part by simply unfastening the latches from the pins (Watabe, col. 6:7-31, Figs. 9-10). By using the latches and pins to detachably mount the container onto the door, the gaming operator can easily remove the container from the door by disengaging the latches from the pins. Therefore it would have been obvious to one of ordinary skill in the art at the time the invention was made to modify Watabe in view of Vogt's gaming machine and have the container mounted to the rear face of the door using latches and pins, in



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order to provide the predicable result of easily removing and attaching the container from the door using fastening mechanisms within the gaming machine.

Claim 15. Watabe in view of Vogt discloses the guide part is fixed immovably to the door (Watabe, Figs. 1, 3, 5).

Claim 16. Watabe in view of Vogt discloses the claimed invention as discussed above but fails to teach the container comprises an upper narrowed portion and a lower enlarged portion. Nevertheless such design modification is would have been obvious to one of ordinary skilled in the art. Watabe discloses a method of accepting bills and separating liquid from the bill (col. 2:13-28). Watabe's specifically discloses the invention is to prevent the liquid from entering components of the machine and to prevent the components from malfunctioning (col. 2:1-13). Watabe discloses the liquid is separated within the machine from the bill with the arrow C in Fig. 5. Watabe fails to state a container is used to collect the liquid. Vogt discloses a container (12) used to collect liquid as discussed above. Providing a container with a narrow opening to be and fitted for the tube 54 in Fig. 5 of Watabe's invention will prevent liquid from splashing out of the container. This will further prevent the liquid from entering components of the machine. A container having a lower enlarged portion will allow more foreign matter to be collected. Therefore it would have been obvious to one of ordinary skilled in the art at the time the invention was made to modify Watabe in view of Vogt container and incorporate an upper narrowed portion and a lower enlarged

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portion in order to provide a predictable result of preventing liquid from splashing out of the container and collecting more foreign matter.

Claim 17. Watabe in view of Vogt discloses the container is detachably mounted to the door in a vicinity of a shoulder between the upper narrowed portion and the lowered enlarged portion (Applicant's Specification does not support the limitation of a shoulder. The Examiner interprets the Watabe's pin on chute 14 in Fig. 7 to be a shoulder. This shoulder is in the vicinity of the container between the upper narrowed portion and the lowered enlarged portion.).

Claim 13 is rejected under 35 U.S.C. 103(a) as being unpatentable over Watabe (US 5,505,289) in view of Vogt et al. (US 5,566,809)) as applied to claim 1 above, and further in view of Parish (US 5,156,250).

13. Watabe in view of Vogt discloses the claimed invention as discussed above, but fails to specifically the gaming machine comprises a coin slot in the door. In an analogous art to gaming machine that separates foreign matter from a bill within the machine, Parish discloses a coin slot in the door (30 in Fig. 1) that is different from the bill insertion slot (10 in Fig. 1). Providing a coin slot to a gaming machine, will allow the gaming machine to accept paper money can coin money. Therefore it would have been obvious to one of ordinary skilled in the art at the time the invention was made to modify Watabe in view of Vogt's gaming device, and further incorporate Parish's coin slot, in order to allow the gaming machine to accept coin money.

### ***Response to Arguments***

Applicant's arguments with respect to claims 1-8, 10-11 and 13-18 have been considered but are moot in view of the new ground(s) of rejection.

### ***Conclusion***

Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Jasson H. Yoo whose telephone number is (571)272-5563. The examiner can normally be reached on 8:30-5:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Xuan M. Thai can be reached on (571)272-7147. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

JHY



**JOHN M. HOTALING, II**  
**PRIMARY EXAMINER**